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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete if Known**

Application Number	09/980,329
Filing Date	March 5, 2002
First Named Inventor	Roger J. TALISH
Group Art Unit	3737
Examiner Name	Smith, Ruth S.
Attorney Docket Number	41482/205543

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/RSS/		US-3,575,050	04/1971	Lynnworth	
		US-4,195,517	04/1980	Kalinoski, et al.	
		US-4,467,659	08/1984	Baumoei	
		US-4,557,148	12/1985	Akiyama	
		US-4,570,487	02/1986	Gruber	
		US-4,680,967	07/1987	Rost	
		US-4,930,358	06/1990	Motegi, et al.	
		US-5,154,189	10/1992	Oberlander	
		US-5,280,728	01/1994	Sato, et al.	
		US-5,843,741	12/1998	Wong, et al.	
		US-5,856,622	01/1999	Yamamoto, et al.	
		US-5,906,580	05/1999	Kline, Schoder, et al.	
		US-5,954,675	09/1999	Dellagatta	
		US-6,028,066	02/2000	Unger	
		US-6,065,350	05/2000	Hill, et al.	
		US-6,105,431	08/2000	Duffill, et al.	
		US-6,264,650	07/2001	Hovda, et al.	
		US-2003/0153849	08/14/2003	Huckle	
/RSS/		US-2006/0106424	05/18/2006	Bachem	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
/RSS/		EP 0 425 765 A1	05/08/1991	Fraunhofer-Gesellschaft		Abstr

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/Ruth S. Smith/

Date  
Considered

07/10/2007

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		Number - Kind Code <sup>2</sup> (if known)			
/RSS/		US-1,063,782	06-03-1913	G.O. & C.A. Dickey	
		US-2,914,829	12-01-1959	L.F. Willemain	
		US-2,920,853	01-12-1960	J. Bufogle	
		US-3,521,225	07-21-1970	J.I. Kursman et al.	
		US-3,664,626	05-23-1972	L.J. Sneller	
		US-3,714,619	01-30-1973	Morgan et al.	
		US-3,729,162	04-24-1973	Frank J. Salvato	
		US-3,890,953	06-24-1975	Kraus, et al.	
		US-4,141,524	02-27-1979	Louis Corvese, Jr.	
		US-4,229,992	10-28-1980	McKee et al.	
		US-4,291,025	09-22-1981	Michael A. Pellico	
		US-4,347,645	09-07-1982	Kazuo Iseki	
		US-4,407,044	10-04-1983	Kazuo Iseki	
		US-4,410,158	10-18-1983	Eugene R. Maffei	
		US-4,266,532	05-12-1981	Ryaby et al.	
		US-4,266,533	05-12-1981	Ryaby et al.	
		US-4,570,927	02-18-1986	Petrofsky et al.	
		US-4,725,272	02-16-1988	Robert M. Gale	
		US-4,917,376	04-17-1990	Lo	
		US-4,928,959	05-29-1990	Bassett, et al.	
		US-5,230,646	07-27-1993	Douglas O. Thorup	
		US-5,368,044	11-29-1994	Cain et al.	
		US-5,425,954	06-20-1995	Thompson et al.	
		US-5,484,388	01-16-1996	Bassett et al.	
		US-6,061,597	05-09-2000	Rieman et al.	
		US-6,190,336	02-20-2001	Duarte et al.	
		US-6,234,975 B1	05-22-2001	McLeod et al.	
		US-6,311,402 B1	11-06-2001	Brandl et al.	
		US-6,322,527	11-27-2001	Roger J. Talish	
		US-6,355,006	03-12-2002	Ryaby et al.	
		US-6,394,955 B1	05-28-2002	Perlitz	
		US-6,406,443	06-18-2002	Roger J. Talish	
		US-6,436,060	08-20-2002	Roger J. Talish	
		US-6,503,214	01-07-2003	Roger J. Talish	
		US-6,524,261	02-25-2003	Talish et al.	
		US-6,685,656	02-03-2004	Duarte et al.	
		US-6,733,468	05-11-2004	Roger J. Talish	
		US-6,932,308	08-23-2005	Talish et al.	
		US-2002/0016557	02-07-2002	Duarte	
		US-2003/0153848	08-14-2003	Talish	
		US-2003/0153849	08-14-2003	Huckle	
		US-2005/0096548 A1	05-05-2005	Talish	
/RSS/		D380440	07-01-1997	Talish et al.	

Examiner Signature

/Ruth S. Smith/

Date Considered

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Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket No.: 41482-205543		Application No. 09/980,329	
		Applicant: Winder et al.			
		Filing Date: March 5, 2002		Group Art Unit 3737	
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
	32,782	11/15/88	Pratt, Jr.		
	34,959	05/30/95	Potts		
	3,134,451	05/26/64	Hanssen		
	3,193,034	07/06/65	Hutchinson, et al.		
	3,310,049	03/21/67	Clynes		
	3,433,663	03/18/69	Underwood		
	3,499,437	03/10/70	Balamuth		
	3,550,586	12/29/70	Balamuth		
	3,594,993	07/27/71	Heyse		
	3,701,352	10/31/72	Bosworth		
	3,760,799	09/25/73	Crowson		
	3,767,195	10/23/73	Dimick		
	3,828,769	08/13/74	Mettler		
	3,855,638	12/24/74	Pilliar		
	3,961,380	06/08/76	Garr		
	3,986,212	10/19/76	Sauer		
	4,105,017	08/08/78	Ryaby et al.		
	4,127,125	11/28/78	Takemoto et al.		
	4,164,794	08/21/79	Spector, et al.		
	4,170,045	10/09/79	Estes		
	4,176,664	12/04/79	Talish		
	4,206,516	06/10/80	Pilliar		
	4,216,766	08/12/80	Duykers, et al.		
	4,227,111	10/07/80	Cross, et al.		
	4,233,477	11/11/80	Rice, et al.		
	4,269,797	05/26/81	Mikiya, et al.		
	4,296,753	10/27/81	Goudin		
	4,312,536	01/26/82	Lloyd		
	4,315,503	12/16/82	Ryaby et al.		
	4,351,069	09/28/82	Ballintyn, et al.		
	4,355,428	10/26/82	Deloison, et al.		
	4,358,105	11/09/82	Sweeney, Jr.		
	4,361,154	11/30/82	Pratt, Jr.		
	4,365,359	12/28/82	Raab		
	4,383,533	05/17/83	Bhagat et al.		
/Ruth S. Smith	4,421,119	12/20/83	Pratt, Jr.	07/10/2007	
	4,440,025	04/03/84	Hayakawa, et al.		
	4,441,486	04/10/84	Pounds		
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		Filing Date: March 5, 2002		Group Art Unit 3737	
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
	4,446,586	05/08/84	Reed et al.		
	4,452,326	06/05/84	Hanssen, et al.		
	4,476,874	10/16/84	Taenzer et al.		
	4,511,921	04/16/85	Harlan et al.		
	4,530,360	07/23/85	Duarte		
	4,538,894	08/27/85	Galante, et al.		
	4,542,589	09/24/85	Rowe, Jr., et al.		
	4,542,744	09/24/85	Barnes et al.		
	4,550,714	11/85	Talish		
	4,556,066	12/03/85	Semrow		
	4,570,640	02/18/86	Barsa		
	4,573,996	03/04/86	Kwiatek, et al.		
	4,594,662	06/10/86	Devaney		
	4,612,160	09/16/86	Donlevy, et al.		
	4,627,429	12/09/86	Tsak		
	4,630,323	12/23/86	Sage et al.		
	4,644,942	02/24/87	Sump		
	4,677,438	06/30/87	Michiguchi et al		
	4,687,195	08/18/87	Potts		
	4,708,127	11/24/87	Abdelghani		
	4,710,655	12/01/87	Masaki		
	4,770,184	09/13/88	Greene, Jr. et al.		
	4,726,099	02/23/88	Card		
	4,763,661	08/16/88	Sommer et al.		
	4,774,959	10/04/88	Palmer et al.		
	4,782,822	11/08/88	Ricken		
	4,787,070	11/22/88	Suzuki et al.		
	4,787,888	11/29/88	Fox		
	4,792,336	12/20/88	Hlavacek, et al.		
	4,802,477	02/07/89	Gabbay		
	4,830,015	05/16/89	Okazaki		
	4,836,316	06/06/89	Carnevale, et al.		
	4,855,911	08/08/89	Lele et al.		
	4,858,599	08/22/89	Halpern		
	4,867,169	09/19/89	Machida et al.		
/Ruth S. Smith	4,891,849	01/09/90	Robinson	07/10/2007	
	4,905,671	03/06/90	Senge et al.		
	4,913,157	04/03/90	Pratt, Jr. et al.		
	4,917,092	04/17/90	Todd, et al.		
	4,926,870	05/22/90	Brandenburger		
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		Filing Date: March 5, 2002		Group Art Unit 3737	
U.S. PATENT DOCUMENTS					
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
	4,932,951	06/12/90	Liboff et al.		
	4,933,230	06/12/90	Card, et al.		
	4,936,303	06/26/90	Detwiler et al.		
	4,941,474	07/17/90	Pratt, Jr.		
	4,947,853	08/14/90	Hon		
	4,979,501	12/25/90	Valchanov et al.		
	4,982,730	01/08/91	Lewis, Jr.		
	4,986,275	01/22/91	Ishida et al.		
	4,993,413	02/19/91	McLeod et al.		
	4,995,883	02/26/91	Demane, et al.		
	5,000,183	03/19/91	Bonnefous		
	5,000,442	03/19/91	Dalebout et al.		
	5,003,965	04/02/91	Talish et al.		
	5,004,476	04/02/91	Cool		
	5,016,641	05/21/91	Schwartz		
	5,018,285	05/28/91	Zolman, et al.		
	5,046,484	09/10/91	Bassett, et al.		
	5,054,490	10/08/91	Rossman et al.		
	5,067,940	11/26/91	Liboff et al.		
	5,080,672	01/14/92	Bellis		
	5,088,976	02/18/92	Liboff et al.		
	5,099,702	03/31/92	French		
	5,100,373	03/31/92	Liboff et al.		
	5,103,806	04/14/92	McLeod et al.		
	5,106,361	04/21/92	Liboff et al.		
	5,107,853	04/28/92	Plyter		
	5,108,452	04/28/92	Fallin		
	5,133,420	07/28/92	Smith		
	5,134,999	08/04/92	Osipov		
	5,139,498	08/18/92	Astudillo Ley		
	5,140,988	08/25/92	Stouffer et al.		
	5,143,069	09/01/92	Kwon et al.		
	5,143,073	09/92	Dory		
	5,163,598	11/17/92	Peters, et la.		
	5,172,692	12/22/92	Kulow et al.		
/Ruth S. Smith	5,178,134	01/12/93	Vago	07/10/2007	
	5,181,512	01/26/93	Viebach, et al.		
	5,184,605	02/09/93	Grzeszykowski		
	5,186,162	02/16/93	Talish et al.		
	5,191,880	03/09/93	McLeod et al.		
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U.S. PATENT DOCUMENTS					
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
	5,197,475	03/30/93	Antich et al.		
	5,201,766	04/13/93	Georgette		
	5,209,221	05/11/93	Riedlinger		
	5,211,160	05/18/93	Talish et al.		
	5,230,334	07/27/93	Klopotek		
	5,230,345	07/27/93	Curran, et al.		
	5,230,921	07/27/93	Waltonen, et al.		
	5,235,981	08/17/93	Hascoet et al.		
	5,254,123	10/19/93	Bushey		
	5,259,384	11/09/93	Kaufman et al.		
	5,269,306	12/14/93	Warnking, et al.		
	5,273,028	12/28/93	McLeod, et al.		
	5,284,143	02/08/94	Rattner		
	5,285,788	02/16/94	Arenson et al.		
	5,295,931	03/22/94	Dreibelbis, et al.		
	5,301,683	04/12/94	Durkan		
	5,307,284	04/26/94	Brunfeldt et al.		
	5,309,898	05/10/94	Kaufman et al.		
	5,310,408	05/10/94	Schryver, et al.		
	5,314,401	05/24/94	Tepper		
	5,316,000	05/31/94	Chapelon, et al.		
	5,318,561	06/07/94	McLeod et al.		
	5,318,779	06/07/94	Hakamatsuka, et al.		
	5,322,067	06/21/94	Prater et al.		
	5,323,769	06/28/94	Bommannan, et al.		
	5,327,890	07/12/94	Matura et al.		
	5,330,481	07/19/94	Hood, et al.		
	5,330,489	07/19/94	Green, et al.		
	5,334,214	08/02/94	Putnam		
	5,339,804	08/23/94	Kemp		
	5,340,510	08/23/94	Bowen		
	5,351,389	10/04/94	Erickson et al.		
	5,363,850	11/15/94	Soni et al.		
	5,366,465	11/22/94	Mirza		
	5,367,500	11/22/94	Ng		
/Ruth S. Smith	5,376,065	12/27/94	McLeod et al.	07/10/2007	
	5,380,269	01/10/95	Urso		
	5,386,830	02/07/95	Powers et al.		
	5,393,296	02/28/95	Rattner		
	5,394,878	03/07/95	Frazin et al.		
	5,398,290	03/14/95	Brethour		
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<b>U.S. PATENT DOCUMENTS</b>					
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	5,400,795	03/28/95	Murphy, et al.		
	5,405,389	04/11/95	Conta, et al.		
	5,409,446	04/25/95	Rattner		
	5,413,550	05/09/95	Castel		
	5,415,167	05/16/95	Wilk		
	5,417,215	05/23/95	Evans et al.		
	5,424,650	06/13/95	Kawano et al..		
	5,431,612	07/11/95	Holden		
	5,434,827	07/18/95	Bolorforosh		
	5,441,051	08/15/95	Hileman et al		
	5,441,058	08/15/95	Fareed		
	5,448,994	09/12/95	Iinuma		
	5,460,595	10/24/95	Hall, et al.		
	5,466,215	11/14/95	Lair, et al.		
	5,468,220	11/21/95	Sycher		
	5,476,438	12/19/95	Edrich, et al.		
	5,478,306	12/26/95	Stoner		
	5,492,525	02/20/96	Gibney		
	5,495,846	03/05/96	Uchida et al.		
	5,496,256	03/05/96	Bock et al.		
	5,501,657	03/26/96	Feero		
	5,507,800	04/16/96	Strickland		
	5,507,830	04/16/96	DeMane, et al.		
	5,509,933	04/23/96	Davidson, et al.		
	5,520,612	05/28/96	Winder et al.		
	5,524,624	06/11/96	Tepper, et al.		
	5,526,815	06/18/96	Granz, et al.		
	5,541,489	07/30/96	Dunstan		
	5,547,459	08/20/96	Kaufman et al.		
	5,556,372	09/17/96	Talish et al.		
	5,578,060	11/26/96	Pohl et al.		
	5,615,466	04/01/97	Safari, et al.		
	5,626,554	05/06/97	Ryaby, et al.		
	5,626,630	05/06/97	Markowitz et al.		
	5,630,837	05/20/97	Crowley		
/Ruth S. Smith	5,648,941	07/15/97	King	07/10/2007	
	5,656,016	08/12/97	Ogden		
	5,680,863	10/28/97	Hossack, et al.		
	5,690,608	11/25/97	Watanabe, et al.		
	5,691,960	11/25/97	Gentilman, et al.		
	5,699,803	12/23/97	Carodiskey		
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<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
	5,702,353	12/30/97	Guzzini, et al.		
	5,702,389	12/30/97	Taylor, et al.		
	5,706,818	01/13/98	Gondo		
	5,708,236	01/13/98	Shaanan, et al.		
	5,721,400	02/24/98	Haraldsson, et al.		
	5,725,482	03/10/98	Bishop		
	5,728,095	03/17/98	Taylor et al.		
	5,730,705	03/24/98	Talish, et al.		
	5,738,625	04/14/98	Gluck		
	5,741,317	04/21/98	Ostrow		
	5,743,862	04/28/98	Izumi		
	5,755,746	05/26/98	Lifshey, et al.		
	5,762,616	06/09/98	Talish		
	5,779,600	07/14/98	Pape		
	5,785,656	07/28/98	Chabrera, et al.		
	5,818,149	10/06/98	Safari et al.		
	5,829,437	11/03/98	Bridges		
	5,868,649	02/09/99	Erickson, et al.		
	5,871,446	02/16/99	Wilk		
	5,886,302	03/23/99	Germanton, et al.		
	5,891,143	04/06/99	Taylor et al.		
	5,899,425	05/04/99	Corey Jr., et al.		
	5,904,659	05/18/99	Duarte, et al.		
	5,957,814	09/28/99	Eschenbach		
	5,971,984	10/26/99	Taylor et al.		
	5,997,498	12/07/99	McLeod, et al.		
	6,019,710	02/01/00	Dalebout, et al.		
	6,022,349	02/08/00	McLeod, et al.		
	6,030,386	02/29/00	Taylor et al.		
	6,068,596	05/30/00	Weth, et al.		
	6,080,088	06/27/00	Petersen, et al.		
	6,086,078	07/11/00	Ferez		
	6,093,135	07/25/00	Huang		
	6,165,144	12/26/00	Talish, et al.		
	6,179,797	01/30/01	Brotz		
/Ruth S. Smith	6,200,843	03/2001	Iger, et al.	07/10/2007	
	6,213,958	04/10/01	Winder		
	6,261,221	07/17/01	Tepper, et al.		
	6,261,249	07/17/01	Talish, et al.		
	6,273,864	08/14/01	Duarte		
	6,360,027	03/19/02	Hossack et al.		
Examiner:			Date Considered:		
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		Applicant: Winder et al.					
		Filing Date: March 5, 2002		Group Art Unit 3737			
<b>NON-UNITED STATES DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation
/RSS/		WO 85/03449	08/15/85	PCT			
		2156983A	10/16/85	UK			
		0 181 506 A2	05/21/86	Europe			
		SHO 62[1987]-47359	03/02/87	JAPAN			
		DE 3639263 A1	06/25/87	Germany			
		WO 88/00845	02/11/88	PCT			
		WO 88/02250	04/07/88	PCT			
		331 348 A1	09/06/89	Europe			
		WO 90/06720	06/28/90	PCT			
		DE 41 11 055 A1	10/10/01	Germany			
		HEI 4[1992]-82567	03/16/92	JAPAN			
		HEI 4[1992]-82568	03/16/92	JAPAN			
		HEI 4[1992]-82569	03/16/92	JAPAN			
		0 536 875 A1	04/14/93	Europe			
		HEI 5[1993]-269159	10/19/93	JAPAN			
		1,328,485	04/12/94	CA			
		WO 94/13411	06/23/94	PCT			
		2277448A	11/02/94	UK			
		WO 95/03744	02/09/95	PCT			
		0 679 371 A1	11/02/95	Europe			
		WO 95/33416	12/14/95	PCT			
		EP 0 695 559	02/07/96	Europe			
		WO 96/25112	08/22/96	PCT			
		WO 96/25888	08/29/96	PCT			
		DE 19613425	01/16/97	Germany			
		2 303 552 A	02/26/97	UK			
		WO 97/33649	09/18/97	PCT			
		WO 98/10729	03/19/98	PCT			
		WO 98/34578	08/13/98	PCT			
/RSS/		WO 98/47570	10/29/98	PCT			
		<del>DE 298 11 185 U1</del>	<del>12/11/98</del>	<del>Germany</del>			no copy
/RSS/		WO 99/18876	04/22/99	PCT			
		WO 99/22652	05/14/99	PCT			
		WO 99/48621	09/30/99	PCT			
		WO 99/56829	11/11/99	PCT			
	/Ruth S. Smith	WO 00/28925	05/25/00	PCT	07/10/2007		
/RSS/		WO 00/03663*	01/27/00	PCT			no copy
		<del>AU 19950292</del>	<del>02/07/00</del>	<del>Australia</del>			
/RSS/		WO 00/71207	11/30/00	PCT			
		<del>WO 00/76404</del>	<del>12/31/00</del>	<del>PCT</del>			no copy
Examiner:			Date Considered:				

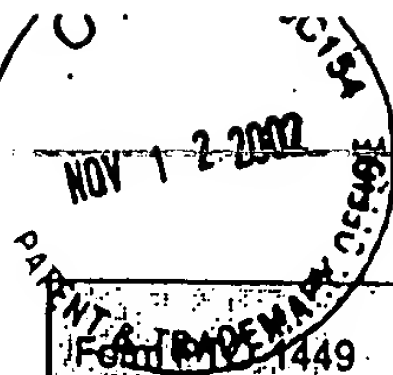
\*For English version see related Australian Application No. 19950292

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		Filing Date: March 5, 2002	Group Art Unit 3737
<b>OTHER MATERIAL</b>			
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
/RSS/	ABSTRACT, (Proceedings of the 11 <sup>th</sup> Int'l. Conference on Medical and Biological Engineering) "ULTRASONIC STIMULATION OF FRACTURE HEALING", 1976.		
	ABSTRACT, (Proceedings of the III Congress on Biomedical Engineering) "ULTRASONIC ACTION ON CALLUS FORMATION IN BONES", 1975.		
	ABSTRACT, (Proceedings of the IV Brazilain Congress on Biomedical Engineering) "ULTRASOUND IN THE TREATMENT OF FRACTURES", 1977.		
	ASTM Designation: D790M-93 Metric, "Standard Test Methods for flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials [Metric]", pp. 176-184, (Dec. 1993).		
/RSS/	ASTM Designation: C1161-90, "Standard Test Method for Flexural Strength of Advanced Ceramics at Ambient Temperature," pp.324-330.(Feb. 1991)		
no date	<del>Brochure, "The Science Behind the Technology," distributed by Smith &amp; Nephew for EXOGEN. (no date)</del>		
/RSS/	Arai et al., "THE EFFECT OF ULTRASOUND STIMULATION ON DISUSE OSTEOPOROSIS", BRAGS 17, 1993.		
	Berridge, M.J., "Inositol Trisphosphate and Calcium Signaling", <i>Nature</i> (1993), 361: 315-325.		
	Clarke, P.R. et al., "Physical and Chemical Aspects of Ultrasonic Disruption of Cells", <i>JASA</i> (1969), 47(2): 649-653.		
	Duarte, L.R., "The Stimulation of Bone Growth by Ultrasound", <i>Arch. Orthop. Trauma Surg</i> (1983), 101: 153-159.		
	Dyson, M., "Therapeutic Applications of Ultrasound", <i>Biological Effects of Ultrasound</i> (1985), Nyborg, W.L. and Ziskin, M.C., eds; Churchill Livingstone Inc., New York, Chapter 11.		
	Goodship, A.E. et al., "The Influence of Induced Micromovement Upon the Healing of Experimental Tibial Fractures", <i>J. Bone and Joint Surg.</i> (1985), 67-B(4): 650-655.		
	Heckman, J.D. et al., "Acceleration of Tibial Fracture Healing by Non-Invasive Low-Intensity Pulsed Ultrasound", <i>J. Bone and Joint Surg.</i> (1994), 76-A(1): 26-34.		
	Hill, C.R., "Ultrasonic Exposure Thresholds for Changes in Cells and Tissues", <i>JASA</i> (1972), 52(2): 667-672.		
	Howkins, S.D., "Diffusion Rates and the Effect of Ultrasound", <i>Ultrasonics</i> (1969), 129-130.		
	Kristiansen, T.K. et al., "Accelerated Healing of Distal Radial Fractures with the Use of Specific, Low-Intensity Ultrasound", <i>J. Bone and Joint Surg.</i> (1997), 79-A(7) 961-973.		
/RSS/	Maurice Hilario, "LOW-INTENSITY ULTRASOUND RADIATION IN THE TISSUE REPAIR OF TROPHIC LEG ULCERS", 1983, University of Sao Paulo, pp. 1-125.		
	<del>Pethica, B.A., et al., Abstract, Biological Repair and Growth Society, June 1998</del> no copy		
/RSS/	Phoenix (Business Wire), July 8, 1997 via CompanyLink - OrthoLogic Corp.		
	"Reflex Sympathetic Dystrophy, Does RSD Exist?" <a href="http://www.arbon.com">www.arbon.com</a> (06/04/97)"		
	"Reflex Sympathetic Dystrophy: The Pain That Doesn't Stop," <a href="http://tcc.cc.nc.us">tcc.cc.nc.us</a> (06/04/97)		
	RSDnet.org "Reflex Sympathetic Dystrophy," <a href="http://www.rsdnet.org">www.rsdnet.org</a> (06/04/97)		
	RSDnet.org "Reflex Sympathetic Dystrophy," <a href="http://www.rsdnet.org">www.rsdnet.org</a> (06/04/97)		
	Ter Haar, G., et al., "Basic Physics of Therapeutic Ultrasound", <i>Physiotherapy</i> (1987), 73(3): 110-113.		
	Wallace, A.L.; Draper E.R.C.; Strachan, R.K.; McCarthy, I.D.; Hughes, S.P.F., "The Vascular Response to Fracture Micromovement", <i>Clinical Orthopaedics and Related Research</i> (1994), 301: 281-290.		
	Wang, S.J. et al., "Low-Intensity Ultrasound Treatment Increases Strength in a Rat Femoral Fracture Model", <i>J. Ortho Research</i> (1994), 12: 40-47.		
	Webster, D.F. et al., "The Role of Ultrasound-Induced Cavitation in the 'In Vitro' Stimulation of Collagen Synthesis in Human Fibroblasts", <i>Ultrasonics</i> (1980), 33-37.		
/RSS/	Yang, K.H. et al., "Exposure to Low-Intensity Ultrasound Treatment Increases Aggrecan Gene Expression in a Rat Femur Fracture Model", <i>J. Ortho Research</i> (1996), 14:802-809.		
Examiner:		Date Considered:	
/Ruth S. Smith/		07/10/2007	
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<b>OTHER MATERIAL</b>			
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
no date	<del>Treatment of Osteochondral Defects in Rabbits with SAFHS - Parts I and II, EX1095-01R, EX1096-01R</del>		
/RSS/	"Treatment of Osteochondral Defects in Rabbits with SAFHS - Part III, EX1097-01R (August 26, 1997).		
	Cook, Stephen and L. Patron, "Treatment of Osteochondral Defects In Rabbits with SAFHS - A Mosaicplasty Model" - Final Report, EX1098-04R (August 12, 1999).		
	Acoustic Emission - An Update, by Arthur E. Lord, Jr., 1981, Physical Acoustics, vol. XV, pp. 295-360		
	Acoustic Emission and Diagnosis of Osteoporosis, by S. Hanagud, G. T. Hannon and R. Clinton, 1974, Ultrasonic Symposium Proceedings (IEEE), pp. 77-81		
	Acoustic Emission in Bone Substance, by S. Hanagud, R.G. Clinton and J.P. Lopez, 1973, Biomechanics Symposium Proceedings (ASME), pp. 79-81		
	Acoustic Emission Inspection, by Adrian A. Pollock, 1992, ASM Handbook, vol. 17, Nondestructive Evaluation and Quality Control, pp. 278-293		
	Acoustic Emission Techniques in the Development of a Diagnostic Tool for Osteoporosis, by S. Hanagud and R. G. Clinton, 1975, Ultrasonic Symposium Proceedings (IEEE), pp. 41-45		
	Application of an intelligent signal processing system to acoustic emission analysis, by Igo Grabec and Wolfgang Sachse, Mar. 1989, Acoustic Society of America, pp. 787-791		
	Application of correlation techniques for localization of acoustic emission sources, by I. Grabec, 1978, IPC Business Press Ltd., pp. 111-115		
/RSS/	Comejo, et al., "Large-Area Flexible-Array Piezoelectric Ceramic/Polymer composite Transducer for Bone Healing Acceleration," presented at ISAFXI, Montreux, Switzerland (1998)		
no date	<del>Clough, R. and J. Simmons "Theory of Acoustic Emission," Metallurgy Division, National Bureau of Standards, (no date).</del>		
/RSS/	Fritton, et al., "Whole-Body Vibration in the Skeleton: Development of a Resonance-Based Testing Device," <i>Annals of Biomedical Engineering</i> , Vol. 25, pp. 831-839 (1997)		
	Goodship, et al., "Low magnitude high frequency mechanical stimulation of endochondral bone repair" 43 <sup>rd</sup> Annual Meeting Orthopaedic Research Society, vol. 22, Sec. 1, Feb. 9-13 (1997)		
	J. Kenwright, et al., "Controlled Mechanical Stimulation in the Treatment of Fibial Fractures," <i>Orthopedics, Clinical Orthopedics and Related Research</i> (1989) 241:36-47		
	Jankovich, "The Effects of Mechanical Vibration on Bone Development in the Rat," <i>J. Biomechanics</i> , 1972, Vol. 5, pp. 241-250		
	Ko, "Preform Fiber Architecture for Ceramic-Matrix Composites," <i>Ceramic Bulletin</i> , Vol. 68, No. 2, pp. 401-414 (1989)		
	McLeod, et al., "Improved Postural Stability Following Short Term Exposure to Low Level Whole Body Vibration," 44 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 16-19, 1998, New Orleans, Louisiana, page 89-15		
/RSS/	Newnham, et al., "Connectivity and Piezoelectric-Pyroelectric Composites, <i>Med. Res. Bull.</i> , Vol. 13, pp. 525-536 (1978)		
	<del>Pauer, "Flexible Piezoelectric Material," pp. 1-5, (no date)</del> no date		
/RSS/	Pilgrim, et al., "An Extension of the Composite Nomenclature Scheme," <i>Med. Res. Bull.</i> , Vol. 22, pp. 877-894 (1987)		
	Powell, et al., "A Performance Appraisal of Flexible Array Structures Using a Facet Ensemble Scattering Technique," 1991 <i>Ultrasonic Symposium</i> , pp. 753-766		
	Powell, et al., "Flexible Ultrasonic Transducer Arrays for Nondestructive Evaluation Applications - Part I: The Theoretical Modeling Approach," <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , Vol. 43, No. 3, May 1996, pp. 385-392.		
/RSS/	Powell, et al., "Flexible Ultrasonic Transducer Arrays for Nondestructive Evaluation Applications - Part II: Performance Assessment of different Array Configurations," <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , Vol. 43, No. 3, May 1996, pp. 393-402.		
Examiner:	/Ruth S. Smith/		Date Considered: 07/10/2007
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	Filing Date: March 5, 2002	Group Art Unit 3737
<b>OTHER MATERIAL</b>		
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.	
/RSS/	Sarvazyan, "Some General Problems of Biological Action of Ultrasound," IEEE Transactions on Sonics and Ultrasonics, vol. 30, No. 1, Jan. 1983	
/RSS/	Ultrasound as a Tool for Investigating Bone: Fundamental Principles and Perspectives for Use in Osteoporosis, by J. G. Bloch, 1993, Expansion Scientifique Francaise	
/RSS/	Y. Qin, et al., "Correlation of In Vivo Bone Adaptation and Mechanical Parameters Using Low Magnitude, High Frequency Loading," 41 <sup>st</sup> Annual Meeting Orthopaedic Research Soc., vol. 20 - Sec. 1, Feb. 13-16 (1995)	
	<del>Baccam, "Other Continuous Fibers," 118/Constituent Material Form</del> no date	
	<del>Baccam, "Other Discontinuous Forms," 120/Constituent Material Forms</del> no date	
/RSS/	Cass, "Fabrication of Continuous Ceramic Fiber by the Viscous Suspension Spinning Process," Ceramic Bulletin, Vol. 70, No. 3, pp. 424-429 (1991)	
	"Development of Flexible Piezoelectric Transducers and Matching Layers for EXOGEN Incorporated," Final Report, Covering Period 04-01-97 to 02-28-98, Rutgers University.	
	Grewe, et al., "Acoustic Properties of Particle Polymer Composite for Ultrasonic Transducer Backing Applications," IEEE, (1990)	
	Grewe, Martha G., "Acoustic Matching And Backing Layer for Medical Ultrasonic Transducers," A Thesis in Solid State Science, The Pennsylvania State University; (May 1989), The Center for Ceramics Research, Rutgers.	
	Gururaja, T., "Piezoelectric Composite Materials for Ultrasonic Transducer Applications," A Thesis in Solid State Science, The Pennsylvania State University, May 1984.	
	Gururaja, "Piezoelectrics for Medical Ultrasonic Imaging," Am. Ceram. Soc. Bull., Vol. 73, No. 5, pp. 50-55 (May 1994)	
	Hall, et al., "The design and evaluation of ultrasonic arrays using 1-3 connectivity composites," SPIE, pp. 216-227, Vol. 1733 (1992)	
	Niemczewski, B., "A Comparison of Ultrasonic Cavitation Intensity in Liquids," Ultrasonics, Vol. 18, pp.107-110, 1980.	
	Pilla, et al., "Non-Invasive Low-Intensity Pulsed Ultrasound Accelerates Bone Healing in the Rabbit," Journal of Orthopaedic Trauma, Vol. 4, No. 3, pp. 246-253 (1990)	
	Safari, "Development of piezoelectric composites for transducers," J. Phys. France, 4:1129-1149 (1994)	
	Selfridge, "Approximate Material Properties in Isotropic Materials," IEEE Transactions on Sonics and Ultrasonics, 9May 1985)	
	Souquet, et al., "Design of Low-Loss Wide-Band Ultrasonic Transducers for Noninvasive Medical Application," IEEE Transactions on Sonics and Ultrasonics, pp. 75-81, Vol. SU-26, No. 2, March 1979	
	Waller, et al., "Poling of Lead Zirconate Titanate Ceramics and Flexible Piezoelectric Composites by the Corona Discharge Technique," J. Am. Ceram. Soc., 72(2):322-24 (1989)	
	Winder, Alan, "Synthetic Structural Imaging and Volume Estimation of Biological Tissue Organs," Acoustic Sciences Associates, Dec. 1995.	
	Winder, Alan, "Acoustic Emission Monitoring for the Detection, Localization and Classification of Metabolic Bone Disease," Acoustic Sciences Associates, Dec. 1995.	
/RSS/	Wu and Cubberly, "Measurement of Velocity and Attenuation of Shear Waves in Bovine Compact Bone Using Ultrasonic Spectroscopy," Med. & Biol., Vol. 23, No. 1, 129-134, 1997.	
	<del>Tovakoli and Evans, 1992 (no other information available at this time)</del> incomplete	
Examiner: /Ruth S. Smith/	Date Considered: 07/10/2007	
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	Applicant: Winder et al.	
	Filing Date: March 5, 2002	Group Art Unit: 3737

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
RM	32,782	11/15/88	Pratt, Jr.		
	34,959	05/30/95	Potts		
	3,134,451	05/26/64	Hanssen		
	3,193,034	07/06/65	Hutchinson, et al.		
	3,310,049	03/21/67	Clynes		
	3,433,663	03/18/69	Underwood		
	3,499,437	03/10/70	Balamuth		
	3,550,586	12/29/70	Balamuth		
	3,594,993	07/27/71	Heyse		
	3,701,352	10/31/72	Bosworth		
	3,760,799	09/25/73	Crowson		
	3,767,195	10/23/73	Dimick		
	3,828,769	08/13/74	Mettler		
	3,855,638	12/24/74	Pilliar		
	3,961,380	06/08/76	Gan		
	3,986,212	10/19/76	Sauer		
	4,105,017	08/08/78	Ryaby et al.		
	4,127,125	11/28/78	Takemoto et al.		
	4,164,794	08/21/78	Spector, et al.		
	4,170,045	10/09/79	Estes		
	4,176,664	12/04/79	Talish		
	4,206,516	06/10/80	Pilliar		
	4,216,766	08/12/80	Duykers, et al.		
	4,227,111	10/07/80	Cross, et al.		
	4,233,477	11/11/80	Rice, et al.		
	4,269,797	05/26/81	Mikiya, et al.		
	4,296,753	10/27/81	Goudin		
	4,312,536	01/26/82	Lloyd		
	4,325,503	12/16/82	Ryaby et al.		
	4,351,069	09/28/82	Ballintyn, et al.		
	4,355,428	10/26/82	Deloison, et al.		
	4,358,105	11/09/82	Sweeney, Jr.		
	4,361,154	11/30/82	Pratt, Jr.		
	4,365,359	12/28/82	Raab		
	4,383,533	05/17/83	Bhagat et al.		
	4,421,119	12/20/83	Pratt, Jr.		
	4,440,025	04/03/84	Hayakawa, et al.		
	4,441,486	04/10/84	Pounds		

Examiner:

Date Considered:

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	Filing Date: March 5, 2002	Group Art Unit 3737

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
RU	4,446,586	05/08/84	Reed et al.		
	4,452,326	06/05/84	Hanssen, et al.		
	4,476,874	10/16/84	Taenzer et al.		
	4,511,921	04/16/85	Harlan et al.		
	4,530,360	07/23/85	Duarte		
	4,536,894	08/27/85	Galante, et al.		
	4,542,539	09/24/85	Rowe, Jr., et al.		
	4,542,744	09/24/85	Barnes et al.		
	4,550,714	11/85	Talish		
	4,556,066	12/03/85	Semrow		
	4,570,640	02/18/86	Barsa		
	4,573,996	03/04/86	Kwiatek, et al.		
	4,594,662	06/10/86	Devaney		
	4,612,160	09/16/86	Donlevy, et al.		
	4,627,429	12/09/86	Tsuk		
	4,630,323	12/23/86	Sage et al.		
	4,644,942	02/24/87	Sump		
	4,677,438	06/30/87	Michiguchi et al.		
	4,687,195	08/18/87	Potts		
	4,708,127	11/24/87	Adelghani		
	4,710,655	12/01/87	Masaki		
	4,770,184	09/13/88	Greene, Jr. et al.		
	4,726,099	02/23/88	Card		
	4,763,661	08/16/88	Sommer et al.		
	4,774,959	10/04/88	Palmer et al.		
	4,782,822	11/08/88	Ricken		
	4,787,070	11/22/88	Suzuki et al.		
	4,787,888	11/29/88	Fox		
	4,792,336	12/20/88	Hlavacek, et al.		
	4,802,477	02/07/89	Gabbay		
	4,830,015	05/16/89	Okazaki		
	4,836,316	06/06/89	Carnevale, et al.		
	4,855,911	08/08/89	Lele et al.		
	4,858,599	08/22/89	Halpern		
	4,867,169	09/19/89	Machida et al.		
	4,891,849	01/09/90	Robinson		
/Ruth S. Smith	4,905,671	03/06/90	Senge et al.		
	4,913,157	04/03/90	Pratt, Jr. et al.		
	4,917,092	04/17/90	Todd, et al.		
	4,926,870	05/22/90	Brandenburger		

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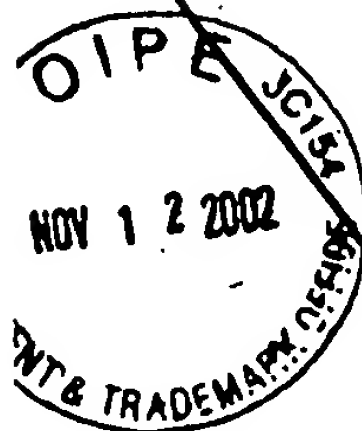
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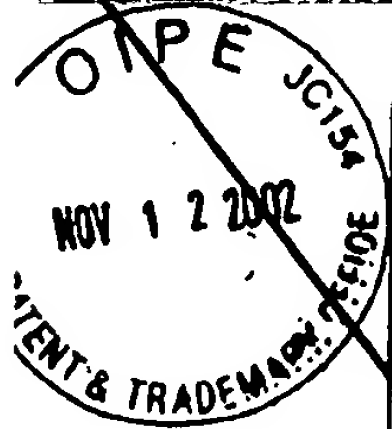


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<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
M	4,932,951	06/12/90	Liboff et al.		
	4,933,230	06/12/90	Card, et al.		
	4,936,303	06/26/90	Detwiler et al.		
	4,941,474	07/17/90	Pratt, Jr.		
	4,947,853	08/14/90	Hon		
	4,979,501	12/25/90	Valchanov et al.		
	4,982,730	01/08/91	Lewis, Jr.		
	4,986,275	01/22/91	Ishida et al.		
	4,993,413	02/19/91	McLeod et al.		
	4,995,883	02/26/91	Demane, et al.		
	5,000,183	03/19/91	Bonnefous		
	5,000,442	03/19/91	Dalebout, et al.		
	5,003,965	04/02/91	Talish et al.		
	5,004,476	04/02/91	Cook		
	5,016,641	05/01/91	Schwartz		
	5,018,285	05/28/91	Zolman, et al.		
	5,046,484	09/10/91	Bassett, et al.		
	5,054,490	10/08/91	Rossman et al.		
	5,067,940	11/26/91	Liboff et al.		
	5,080,672	01/14/92	Bellis		
	5,088,976	02/18/92	Liboff et al.		
	5,099,702	03/31/92	French		
	5,100,373	03/31/92	Liboff et al.		
	5,103,806	04/14/92	McLeod et al.		
	5,106,361	04/21/92	Liboff et al.		
	5,107,853	04/28/92	Plyter		
	5,108,452	04/28/92	Fallin		
	5,132,420	07/28/92	Smith		
	5,134,999	08/04/92	Osipov		
	5,139,498	08/18/92	Astudillo Ley		
	5,140,988	08/25/92	Stouffer et al.		
	5,143,069	09/01/92	Kwon et al.		
	5,143,073	09/92	Dory		
	5,163,598	11/17/92	Peters, et la.		
	5,172,692	12/22/92	Kulow et al.		
	5,178,134	01/12/93	Vago		
	5,181,512	01/26/93	Viebach, et al.		
	5,184,605	02/09/93	Grzeszykowski		
	5,186,162	02/16/93	Talish et al.		
	5,191,880	03/09/93	McLeod et al.		
Examiner: <i>Ruth S. Smith</i>	Date Considered: 12/03		07/10/2007		
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Form PTO-1449		Docket No.: 41482-205543		Application No.: 09/980,329	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Winder et al.		Group Art Unit 3737	
		Filing Date: March 5, 2002			
U.S. PATENT DOCUMENTS					
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
M	5,197,475	03/30/93	Antich et al.		
	5,201,766	04/13/93	Georgette		
	5,209,221	05/11/93	Riedlinger		
	5,211,160	05/18/93	Talish et al.		
	5,230,334	07/27/93	Klopotek		
	5,230,345	07/27/93	Curran, et al.		
	5,230,921	07/27/93	Waltonen, et al.		
	5,235,981	08/17/93	Hascoet et al.		
	5,254,123	10/19/93	Bushey		
	5,259,384	11/09/93	Kaufman et al.		
	5,269,306	12/14/93	Warnking, et al.		
	5,273,028	12/28/93	McLeod, et al.		
	5,284,143	02/08/94	Rattner		
	5,285,788	02/15/94	Arenson et al.		
	5,295,931	03/22/94	Dreibelbis, et al.		
	5,301,683	04/12/94	Darkan		
	5,307,284	04/26/94	Brunfeldt et al.		
	5,309,898	05/10/94	Kaufman et al.		
	5,310,408	05/10/94	Schryver, et al.		
	5,314,401	05/24/94	Tepper		
	5,316,000	05/31/94	Chapelon, et al.		
	5,318,561	06/07/94	McLeod et al.		
	5,318,779	06/07/94	Hakamatsuka, et al.		
	5,322,067	06/21/94	Prater et al.		
	5,323,769	06/28/94	Bommannan, et al.		
	5,327,890	07/12/94	Matura et al.		
	5,330,481	07/19/94	Hood, et al.		
	5,330,489	07/19/94	Green, et al.		
	5,334,214	08/02/94	Putnam		
	5,339,804	08/23/94	Kemp		
	5,340,510	08/23/94	Bowen		
	5,351,389	10/04/94	Erickson et al.		
	5,363,850	11/15/94	Soni et al.		
5,366,465	11/22/94	Mirza			
5,367,500	11/22/94	Ng			
5,376,065	12/27/94	McLeod et al.			
/Ruth S. Smith	5,380,269	01/10/95	Urso	07/10/2007	
	5,386,830	02/07/95	Powers et al.		
	5,393,296	02/28/95	Rattner		
	5,394,878	03/07/95	Frazin et al.		
M	5,398,290	03/14/95	Brethour		
Examiner: <i>R. Smith</i>			Date Considered: 12/03		
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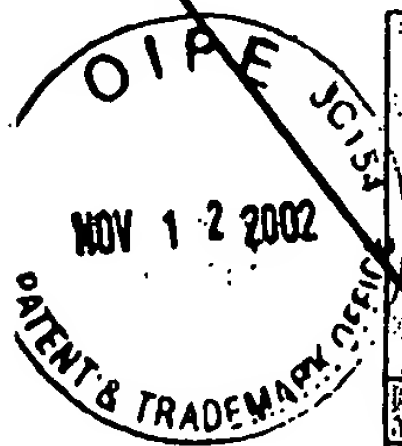
U.S. PATENT DOCUMENTS						
Examiner Initial	Patent Number	Date	Patentee	Class	Subclass	
ly	5,400,795	03/28/95	Murphy, et al.			
	5,405,389	04/11/95	Conta, et al.			
	5,409,446	04/25/95	Rattner			
	5,413,550	05/09/95	Castel			
	5,415,167	05/16/95	Wilk			
	5,417,215	05/23/95	Evans et al.			
	5,424,550	06/13/95	Kawano et al.			
	5,431,612	07/11/95	Holden			
	5,434,827	07/18/95	Bolorforosh			
	5,441,051	08/15/95	Hileman et al			
	5,441,058	08/15/95	Fareed			
	5,448,994	09/12/95	Iinuma			
	5,460,595	10/24/95	Hall, et al.			
	5,466,215	11/14/95	Lair, et al.			
	5,468,220	11/21/95	Sucher			
	5,476,438	12/19/95	Edrich, et al.			
	5,478,306	12/26/95	Stoner			
	5,492,525	02/20/96	Gibney			
	5,495,846	03/05/96	Uehara et al.			
	5,496,256	03/05/96	Rock et al.			
	5,501,657	03/26/96	Fedro			
	5,507,800	04/16/96	Strickland			
	5,507,830	04/16/96	DeMane, et al.			
	5,509,933	04/23/96	Davidson, et al.			
	5,520,612	05/28/96	Winder et al.			
	5,524,624	06/11/96	Tepper, et al.			
	5,526,815	06/18/96	Granz, et al.			
	5,541,489	07/30/96	Dunstan			
	5,547,459	08/20/96	Kaufman et al.			
	5,556,372	09/17/96	Talish et al.			
	5,578,060	11/26/96	Pohl et al.			
	5,615,466	04/01/97	Safari, et al.			
	5,626,554	05/06/97	Ryaby, et al.			
	5,626,630	05/06/97	Markowitz et al.			
	5,630,837	05/20/97	Crowley			
	5,648,941	07/15/97	King			
	5,656,016	08/12/97	Ogden			07/10/2007
	5,680,863	10/28/97	Hossack, et al.			
	5,690,608	11/25/97	Watanabe, et al.			
	5,691,960	11/25/97	Gentilman, et al.			
	5,699,803	12/23/97	Carodiskey			

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Applicant:

Winder et al.

Filing Date:

March 5, 2002

Group Art Unit

3737

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Date	Patentee	Class	Subclass
MM	5,702,353	12/30/97	Guzzini, et al.		
	5,702,389	12/30/97	Taylor, et al.		
	5,706,818	01/13/98	Gondo		
	5,708,236	01/13/98	Shaanan, et al.		
	5,721,400	02/24/98	Haraldsson, et al.		
	5,725,482	03/10/98	Bishop		
	5,728,095	03/17/98	Taylor et al.		
	5,730,705	03/24/98	Talish, et al.		
	5,738,625	04/14/98	Gluck		
	5,741,317	04/21/98	Ostrow		
	5,743,862	04/28/98	Izumi		
	5,755,746	05/26/98	Lifshey, et al.		
	5,762,616	06/09/98	Talish		
	5,779,600	07/14/98	Pape		
	5,785,656	07/28/98	Chizorrera, et al.		
	5,818,149	10/06/98	Safari et al.		
	5,829,437	11/03/98	Bridges		
	5,868,649	02/09/99	Erickson, et al.		
	5,871,446	02/16/99	Wilk		
	5,886,302	03/23/99	Germanton, et al.		
	5,891,143	04/06/99	Taylor et al.		
	5,899,425	05/04/99	Corey Jr., et al.		
	5,904,659	05/18/99	Duarte, et al.		
	5,957,814	09/28/99	Eschenbach		
	5,971,984	10/26/99	Taylor et al.		
	5,997,490	12/07/99	McLeod, et al.		
	6,019,710	02/01/00	Dalebout, et al.		
	6,022,349	02/08/00	McLeod, et al.		
	6,030,386	02/29/00	Taylor et al.		
	6,068,596	05/30/00	Weth, et al.		
	6,080,088	06/27/00	Petersen, et al.		
	6,086,078	07/11/00	Ferez		
	6,093,135	07/25/00	Huang		
	6,165,144	12/26/00	Talish, et al.		
	6,179,797	01/30/01	Brotz		
	6,206,843	03/2001	Iger, et al.		
	6,213,958	04/10/01	Winder		
/Ruth S. Smith	6,261,221	07/17/01	Tepper, et al.		
	6,261,249	07/17/01	Talish, et al.		
	6,273,864	08/14/01	Duarte		
MM	6,360,027	03/19/02	Hossack et al.		

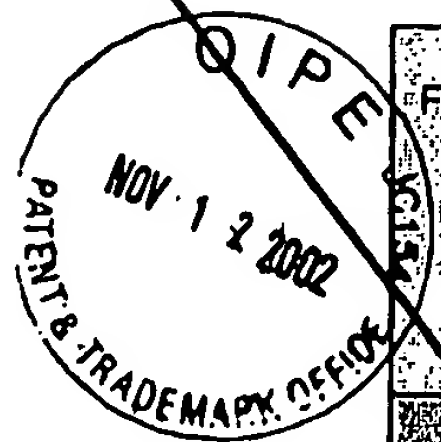
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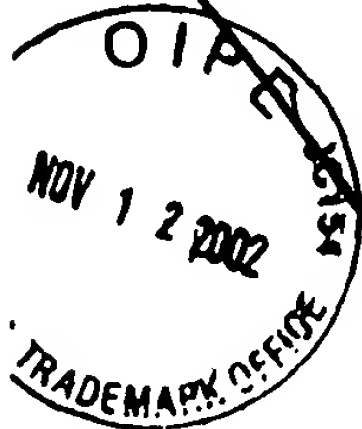
## NON U.S. DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation
	WO 85/03449	08/15/85	PCT			
	2156983A	10/16/85	UK			
	0 181 506 A2	05/21/86	Europe			
	SHO 62[1987]-47359	03/02/87	JAPAN			
	DE 3639263 A1	06/25/87	Germany			
	WO 88/00845	02/11/88	PCT			
	WO 88/02250	04/07/88	PCT			
	331 348 A1	09/06/89	Europe			
	WO 90/06720	06/28/90	PCT			
	DE 4111055 A1	10/10/01	Germany			
	HEI 4[1992]-82567	03/16/92	JAPAN			
	HEI 4[1992]-82568	03/16/92	JAPAN			
	HEI 4[1992]-82569	03/16/92	JAPAN			
	0 536 875 A1	04/14/93	Europe			
	HEI 5[1993]-269159	10/19/93	JAPAN			
	1,328,485	04/12/94	CA			
	WO 94/13411	06/23/94	PCT			
	2277448A	11/02/94	UK			
	WO 95/03744	02/09/95	PCT			
	0 679 371 A1	11/02/95	Europe			
	WO 95/33416	12/14/95	PCT			
	EP 0 695 559	02/07/96	Europe			
	WO 96/25112	08/22/96	PCT			
	WO 96/25888	08/29/96	PCT			
	DE 19613428	01/16/97	Germany			
	2 303 552 A	02/26/97	UK			
	WO 97/33649	09/18/97	PCT			
	WO 98/10729	03/19/98	PCT			
	WO 98/34578	08/13/98	PCT			
	WO 98/47570	10/29/98	PCT			
	DE 298 11 185 U1	12/11/98	Germany			
	WO 99/18876	04/22/99	PCT			
	WO 99/22652	05/14/99	PCT			
	WO 99/48621	09/30/99	PCT			
	WO 99/56829	11/11/99	PCT			
	WO 00/28925	05/25/00	PCT			
/Ruth S. Smith	WO 00/03663*	01/27/00	PCT		07/10/2007	
	AU 199950292	02/07/00	Australia			
	WO 00/71207	11/30/00	PCT			
	WO 00/76404	12/21/00	PCT			

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\*For English version see related Australian Application No. 19950292



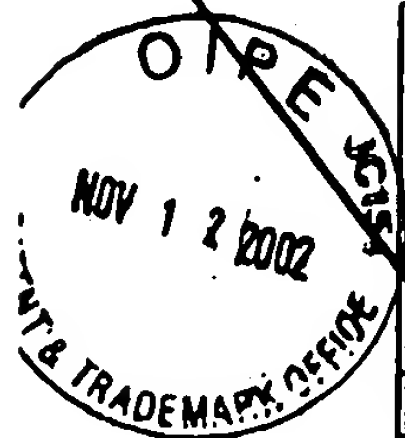
Form PTO-1449		Docket No.: 41482-205543	Application No.: 09/980,329
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		Filing Date: March 5, 2002	Group Art Unit 3737
<b>OTHER MATERIAL</b>			
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
	ABSTRACT, (Proceedings of the 11 <sup>th</sup> Int'l. Conference on Medical and Biological Engineering) "ULTRASONIC STIMULATION OF FRACTURE HEALING", 1976.		
	ABSTRACT, (Proceedings of the III Congress on Biomedical Engineering) "ULTRASONIC ACTION ON CALLUS FORMATION IN BONES", 1975.		
	ABSTRACT, (Proceedings of the IV Brazilian Congress on Biomedical Engineering) "ULTRASOUND IN THE TREATMENT OF FRACTURES", 1977.		
	ASTM Designation: D790M-93 Metric, "Standard Test Methods for flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials [Metric]", pp. 176-184, (Dec. 1993).		
	ASTM Designation: C1161-90, "Standard Test Method for Flexural Strength of Advanced Ceramics at Ambient Temperature," pp. 324-330, (Feb. 1991)		
	Brochure: "The Science Behind the Technology," distributed by Smith & Nephew for EXOGEN. (no date)		
	Aral et al., "THE EFFECT OF ULTRASOUND STIMULATION ON DISUSE OSTEOPOROSIS", BRAGS 17, 1993.		
	Berridge, M.J., "Inositol Trisphosphate and Calcium Signaling", <i>Nature</i> (1993), 361: 315-325.		
	Clarke, P.R. et al., "Physical and Chemical Aspects of Ultrasonic Disruption of Cells", <i>JASA</i> (1969), 47(2): 649-653.		
	Duarte, L.R., "The Stimulation of Bone Growth by Ultrasound", <i>Arch. Orthop. Trauma Surg</i> (1983), 101: 153-159.		
	Dyson, M., "Therapeutic Applications of Ultrasound", <i>Biological Effects of Ultrasound</i> (1985), Nyborg, W.L. and Ziskin, M.C., eds; Churchill Livingstone Inc., New York, Chapter 11.		
	Goodship, A.E. et al., "The Influence of Induced Micromovement Upon the Healing of Experimental Tibial Fractures", <i>J. Bone and Joint Surg.</i> (1985), 67-B(4): 650-655.		
	Heckman, J.D. et al., "Acceleration of Tibial Fracture Healing by Non-Invasive Low-Intensity Pulsed Ultrasound", <i>J. Bone and Joint Surg.</i> (1994), 76-A(1): 26-34.		
	Hill, C.R., "Ultrasonic Exposure Thresholds for Changes in Cells and Tissues", <i>JASA</i> (1972), 52(2): 667-672.		
	Howkins, S.D., "Diffusion Rates and the Effect of Ultrasound", <i>Ultrasonics</i> (1969), 129-130.		
	Kristiansen, T.K. et al., "Accelerated Healing of Distal Radial Fractures with the Use of Specific, Low-Intensity Ultrasound", <i>J. Bone and Joint Surg.</i> (1997), 79-A(7): 961-973.		
	Maurice Hilario, "LOW-INTENSITY ULTRASOUND RADIATION IN THE TISSUE REPAIR OF TROPHIC LEG ULCERS", 1983, University of Sao Paulo, pp. 1-125.		
	Pethica, B.A., et al., Abstract, Biological Repair and Growth Society, June 1998.		
	Phoenix (Business Wire), July 8, 1997 via CompanyLink - OrthoLogix Corp.		
	"Reflex Sympathetic Dystrophy, Does RSD Exist?" <a href="http://www.arbon.com">www.arbon.com</a> (06/04/97)		
	"Reflex Sympathetic Dystrophy: The Pain That Doesn't Stop," <a href="http://tcc.cc.nc.us">tcc.cc.nc.us</a> (06/04/97)		
	RSDnet.org "Reflex Sympathetic Dystrophy," <a href="http://www.rsdnet.org">www.rsdnet.org</a> (06/04/97)		
	RSDnet.org "Reflex Sympathetic Dystrophy," <a href="http://www.rsdnet.org">www.rsdnet.org</a> (06/04/97)		
	Ter Haar, G., et al., "Basic Physics of Therapeutic Ultrasound", <i>Physiotherapy</i> (1987), 73(3): 110-113.		
	Wallace, A.L.; Draper E.R.C.; Strachan, R.K.; McCarthy, I.D.; Hughes, S.P.F., "The Vascular Response to Fracture Micromovement", <i>Clinical Orthopaedics and Related Research</i> (1994), 301: 281-290.		
	Wang, S.J. et al., "Low-Intensity Ultrasound Treatment Increases Strength in a Rat Femoral Fracture Model", <i>J. Ortho. Research</i> (1994), 12: 40-47.		
	Webster, D.F. et al., "The Role of Ultrasound-Induced Cavitation in the 'In Vitro' Stimulation of Collagen Synthesis in Human Fibroblasts", <i>Ultrasonics</i> (1980), 33-37.		
	Yang, K.H. et al., "Exposure to Low-Intensity Ultrasound Treatment Increases Aggrecan Gene Expression in a Rat Femur Fracture Model", <i>J. Ortho Research</i> (1996), 14:802-809.		
Examiner:	Date Considered:		
	12/01		
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<b>OTHER MATERIAL</b>			
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
	"Treatment of Osteochondral Defects in Rabbits with SAFHS - Parts I and II, EX1095-01R, EX1096-01R		
	"Treatment of Osteochondral Defects in Rabbits with SAFHS - Part III, EX1097-01R (August 26, 1997).		
	Cook, Stephen and L. Patron, "Treatment of Osteochondral Defects in Rabbits with SAFHS - A Mosaicplasty Model" - Final Report, EX1098-04R (August 12, 1999).		
	Acoustic Emission - An Update, by Arthur E. Lord, Jr., 1981, Physical Acoustics, vol. XV, pp. 295-360		
	Acoustic Emission and Diagnosis of Osteoporosis, by S. Hanagud, G. T. Hannon and R. Clinton, 1974, Ultrasonic Symposium Proceedings (IEEE), pp. 77-81		
	Acoustic Emission in Bone Substance, by S. Hanagud, R.G. Clinton and J.P. Lopez, 1973, Biomechanics Symposium Proceedings (ASME), pp. 79-81		
	Acoustic Emission Inspection, by Adrian A. Pollock, 1992, ASM Handbook, vol. 17, Nondestructive Evaluation and Quality Control, pp. 278-293		
	Acoustic Emission Techniques in the Development of a Diagnostic Tool for Osteoporosis, by S. Hanagud and R. G. Clinton, 1975, Ultrasonic Symposium Proceedings (IEEE), pp. 41-45		
	Application of an intelligent signal processing system to acoustic emission analysis, by Igo Grabec and Wolfgang Sachse, Mar. 1989, Acoustic Society of America, pp. 787-791		
	Application of correlation techniques for localization of acoustic emission sources, by I. Grabec, 1978, IPC Business Press Ltd., pp. 111-115		
	Cornejo, et al., "Large-Area Flexible-Array Piezoelectric Ceramic/Polymer composite Transducer for Bone Healing Acceleration," presented at ISAFXI, Montreux, Switzerland (1998)		
	Clough, R. and J. Simmons, "Theory of Acoustic Emission," Metallurgy Division, national Bureau of Standards. (no date).		
	Fritton, et al., "Whole-Body Vibration in the Skeleton: Development of a Resonance-Based Testing Device," <i>Annals of Biomedical Engineering</i> , Vol. 25, pp. 831-838 (1997)		
	Goodship, et al., "Low magnitude high frequency mechanical stimulation of endochondral bone repair" 43 <sup>rd</sup> Annual Meeting Orthopaedic Research Society, vol. 22, Sec. 1, Feb. 9-13 (1997)		
	J. Kenwright, et al., "Controlled Mechanical Stimulation in the Treatment of Fibial Fractures," <i>Orthopedics, Clinical Orthopedics and Related Research</i> (1989) 241:36-47		
	Jankovich, "The Effects of Mechanical Vibration on Bone Development in the Rat," <i>J. Biomechanics</i> , 1972, Vol. 5, pp. 241-250		
	Ko, "Preform Fiber Architecture for Ceramic-Matrix Composites," <i>Ceramic Bulletin</i> , Vol. 68, No. 2, pp. 401-414 (1989)		
	McLeod, et al., "Improved Postural Stability Following Short Term Exposure to Low Level Whole Body Vibration," 44 <sup>th</sup> Annual Meeting, Orthopaedic Research Society, March 16-19, 1998, New Orleans, Louisiana, page 89-15		
	Newnham, et al., "Connectivity and Piezoelectric-Pyroelectric Composites, <i>Med. Res. Bull.</i> , Vol. 13, pp. 525-536 (1978)		
	Pauer, "Flexible Piezoelectric Material," pp. 1-5, (no date)		
	Pilgrim, et al., "An Extension of the Composite Nomenclature Scheme," <i>Med. Res. Bull.</i> , Vol. 22, pp. 877-894 (1987)		
	Powell, et al., "A Performance Appraisal of Flexible Array Structures Using a Facet Ensemble Scattering Technique," 1991 <i>Ultrasonic Symposium</i> , pp. 753-766		
	Powell, et al., "Flexible Ultrasonic Transducer Arrays for Nondestructive Evaluation Applications - Part I: The Theoretical Modeling Approach," <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , Vol. 43, No. 3, May 1996, pp. 385-392.		
	Powell, et al., "Flexible Ultrasonic Transducer Arrays for Nondestructive Evaluation Applications - Part II: Performance Assessment of different Array Configurations," <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , Vol. 43, No. 3, May 1996, pp. 393-402.		
Examiner:	Ruth S. Smith/	Date Considered:	07/10/2007 12/03
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Form PTO-1449		Docket No.: 41482-205543	Application No.: 09/980,329
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant: Winder et al.	
		Filing Date: March 5, 2002	Group Art Unit 3737
<b>OTHER MATERIAL</b>			
Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.		
	Sarvazyan, "Some General Problems of Biological Action of Ultrasound," IEEE Transactions on Sonics and Ultrasonics, vol. 30, No. 1, Jan. 1983		
	Ultrasound as a Tool for Investigating Bone: Fundamental Principles and Perspectives for Use in Osteoporosis, by J. G. Bloch, 1993, Expansion Scientifique Francalse		
	Y. Qin, et al., "Correlation of In Vivo Bone Adaptation and Mechanical Parameters Using Low Magnitude, High Frequency Loading," 41 <sup>st</sup> Annual Meeting Orthopaedic Research Soc., vol. 20 - Sec. 1, Feb. 13-16 (1995)		
	Bascom, "Other Continuous Fibers," 118/Constituent Material Form		
	Bascom, "Other Discontinuous Forms," 120/Constituent Material Forms		
	Cass, "Fabrication of Continuous Ceramic Fiber by the Viscous Suspension Spinning Process," Ceramic Bulletin, Vol. 70, No. 3, pp. 424-429 (1991)		
	"Development of Flexible Piezoelectric Transducers and Matching Layers for EXOGEN Incorporated," Final Report, Covering Period 04-01-97 to 02-28-98, Rutgers University.		
	Grewe, et al., "Acoustic Properties of Particle Polymer Composite for Ultrasonic Transducer Backing Applications," IEEE, (1990)		
	Grewe, Martha G., "Acoustic Matching And Backing Layer for Medical Ultrasonic Transducers," A Thesis in Solid State Science, The Pennsylvania State University; (May 1989), The Center for Ceramics Research, Rutgers.		
	Gururaja, T., "Piezoelectric Composite Materials for Ultrasonic Transducer Applications," A Thesis in Solid State Science, The Pennsylvania State University, May, 1984		
	Gururaja, "Piezoelectrics for Medical Ultrasonic Imaging," Am. Ceram. Soc. Bull., Vol. 73, No. 5, pp. 50-55 (May 1994)		
	Hall, et al., "The design and evaluation of ultrasonic arrays using 1-3 connectivity composites," SPIE, pp. 216-227, Vol. 1733 (1992)		
	Niemczewski, B., "A Comparison of Ultrasonic Cavitation Intensity in Liquids," Ultrasonics, Vol. 18, pp. 107-110, 1980.		
	Pilla, et al., "Non-Invasive Low-Intensity Pulsed Ultrasound Accelerates Bone Healing in the Rabbit," Journal of Orthopaedic Trauma, Vol. 4, No. 3, pp. 246-253 (1990)		
	Safari, "Development of piezoelectric composites for transducers," J. Phys. France, 4:1129-1149 (1994)		
	Selfridge, "Approximate Material Properties in Isotropic Materials," IEEE Transactions on Sonics and Ultrasonics, 9 May 1985)		
	Souquet, et al., "Design of Low-Loss Wide-Band Ultrasonic Transducers for Noninvasive Medical Application," IEEE Transactions on Sonics and Ultrasonics, pp. 75-81, Vol. SU-26, No. 2, March 1979		
	Waller, et al., "Poling of Lead Zirconate Titanate Ceramics and Flexible Piezoelectric Composites by the Corona Discharge Technique," J. Am. Ceram. Soc., 72(2):322-24 (1989)		
	Winder, Alan, "Synthetic Structural Imaging and Volume Estimation of Biological Tissue Organs," Acoustic Sciences Associates, Dec. 1996.		
	Winder, Alan, "Acoustic Emission Monitoring for the Detection, Localization and Classification of Metabolic Bone Disease," Acoustic Sciences Associates, Dec. 1995.		
	Wu and Cubberty, "Measurement of Velocity and Attenuation of Shear Waves in Bovine Compact Bone Using Ultrasonic Spectroscopy," Med. & Biol., Vol. 23, No. 1, 129-134, 1997.		
	Tayakoli and Evans, 1992 (no other information available at this time)		
Examiner:	Date Considered:		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

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